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**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**

1-92 (Canceled)

93. (New) A transgenic postnatal mouse comprising a heterozygous disruption in the LKB1 gene as a result of recombinase mediated gene disruption prior to embryogenesis, wherein the mouse exhibits digestive tract polyposis.

94. (New) The transgenic postnatal mouse of claim 93, wherein the recombinase is Cre.

95. (New) The transgenic postnatal mouse of claim 93, wherein the recombinase is Flp.